

# SEQUENCE LISTING

<110> ZHANG, Hui  
 PONERANZ, Roger  
 YANG, Bin

<120> Multimerization of HIV-1 VIF Protein as  
 a Therapeutic Target

<130> 08321-0082 DI1

<150> US 60/282,270

<151> 2001-04-06

<150> US 10/118,575

<151> 2002-04-08

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Fragment of vif protein sequence

<400> 1

Ala	Ala	Leu	Lys	Ile	Pro	Lys	Gln	Ile	Lys	Pro	Pro	Leu	Pro
1				5					10				

<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Fragment of vif protein sequence

<400> 2

Asp	Tyr	Lys	Asp	Asp	Asp	Asp	Lys
1				5			

<210> 3

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Fragment of c-Myc protein sequence

<400> 3

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu  
1 5 10

<210> 4

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Fragment of vif protein sequence

<400> 4

Ser Leu Gln Tyr Leu Ala Leu  
1 5

<210> 5

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 5

Ser Asn Phe Ala Ser Ile Thr Thr Pro Arg Pro His  
1 5 10

<210> 6

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 6

Trp Pro Thr Asn Pro Thr Thr Val Pro Val Pro Ser  
1 5 10

<210> 7

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 7

Leu Thr Ser Asp Thr Tyr Phe Leu Pro Val Pro Ala  
1 5 10

<210> 8

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 8

Ser Leu His Trp Pro Val Ser His Pro Pro Pro Pro  
1 5 10

<210> 9

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 9

Ser Val Ser Val Gly Met Lys Pro Ser Pro Arg Pro  
1 5 10

<210> 10

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 10

Trp His Ser Gln Arg Leu Ser Pro Val Pro Pro Ala  
1 5 10

<210> 11

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide containing PXP motif

<400> 11  
Ser Asn Gln Gly Gly Ser Pro Leu Pro Arg Ser Val  
1 5 10

<210> 12  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 12  
Ser Glu Pro His Leu Pro Phe Pro Val Leu Pro His  
1 5 10

<210> 13  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 13  
Leu Pro Leu Pro Ala Pro Ser Phe His Arg Thr Thr  
1 5 10

<210> 14  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 14  
Tyr Pro Leu Pro His Pro Met Trp Ser Met Leu Pro  
1 5 10

<210> 15  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 15  
Thr Met Thr Pro Pro Pro Thr Ser Val Arg Gly Thr  
1 5 10

<210> 16  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 16  
Thr Pro Leu Pro Thr Ile Arg Gly Asp Thr Gly Thr  
1 5 10

<210> 17  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 17  
Gly Pro Pro Pro His His Arg Asp Tyr His Gly Pro  
1 5 10

<210> 18  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 18  
Tyr Pro Ala Pro Ile Lys Val Leu Leu Pro Asn Ser  
1 5 10

<210> 19  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 19

Ser Pro Tyr Pro Met Ala Leu Phe Pro Leu His Asn  
1 5 10

<210> 20  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide containing PXP motif

<400> 20  
Ser Pro Tyr Pro Ser Trp Ser Thr Pro Ala Gly Arg  
1 5 10

<210> 21  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Fragment of vif

<400> 21  
Lys Pro Lys Lys Ile Lys Pro Pro Leu Pro Ser Val  
1 5 10

<210> 22  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Fragment of vif

<400> 22  
Pro Pro Leu Pro Ser Val Thr Lys Leu Thr Glu Asp Arg Trp Asn  
1 5 10 15

<210> 23  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Fragment of vif

<400> 23  
Lys Lys Ile Lys Pro Pro Leu Pro Ser Val Thr Lys Leu Thr Glu

1 5 10 15

<210> 24  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Fragment of vif

<400> 24  
 Glu Ser Ala Ile Arg Lys Ala Ile Leu Gly His Ile Val Ser Pro  
 1 5 10 15

<210> 25  
 <211> 4  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Fragment of vif protein

<400> 25  
 Pro Pro Leu Pro  
 1

<210> 26  
 <211> 31  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Fragment of vif protein

<400> 26  
 Lys Val Gly Ser Leu Gln Tyr Leu Ala Leu Ala Ala Leu Ile Thr Pro  
 1 5 10 15  
 Lys Lys Ile Lys Pro Pro Leu Pro Ser Val Thr Lys Leu Thr Glu  
 20 25 30